

JC03 Rec'd PCT/PTO 05 OCT 2005

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

153

Application Number

10/536,708

Filing Date

5/27/2005

First Named Inventor

Horvatic, et al.

Art Unit

Examiner Name

Attorney Docket Number

fraunh01.051

ENCLOSURES (Check all that apply)

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/
Incomplete ApplicationReply to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional Application

Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____

☐ Landscape Table on CD

After Allowance Communication to TC

Appeal Communication to Board
of Appeals and InterferencesAppeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify
below):

Return Postcard

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Gordon E. Nelson, Patent Attorney, PC

Signature

Printed name

Gordon E. Nelson

Date

10/3/2005

Reg. No.

30,093

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

Gordon E. Nelson

Date

10/3/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(fraunh01.051)

Applicant: Horvatic, et al.

Paper No.:

Application No: 10/536,708

Group Art Unit:

Filed: 5/27/2005

Examiner:

Title: *Watermarking digital representations that have undergone lossy compression*

.....

Commissioner for Patents
Alexandria, VA 22313-1450

Certification under 37 C.F.R. 1.97(b)

Applicants' attorney hereby certifies that the items of information contained in the attached information disclosure is being filed in the above patent application within one of the following time periods:

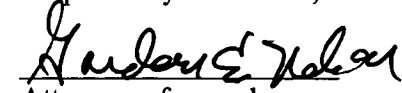
____ (1) Within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d);

____ (2) Within three months of the date of entry of the national stage as set forth in §1.491 in an international application;

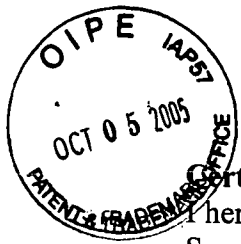
X (3) Before the mailing of a first Office action on the merits; or

____ (4) Before the mailing of a first Office action after the filing of a request for continued examination under §1.114.

Respectfully submitted,


Attorney of record,
Gordon E. Nelson
57 Central St., P.O. Box 782
Rowley, MA, 01969,
Registration number 30,093
Voice: (978) 948-7632
Fax: (617) 788-0932

October 3, 2005
Date



Certificate of Mailing

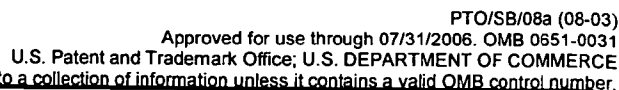
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents
Alexandria, VA 22313-1450

on October 3, 2005
(Date)

Gordon E. Nelson, #30,093

Gordon E. Nelson
(Signature)

**Complete if Known**

Application Number	10/526 708
--------------------	------------

(Use as many sheets as necessary)

Sheet

1

of

2

Attorney Docket Number

fraunh01.051

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

/Yubin Hung/

Date
Considered

06/24/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Institute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

2

of

2

Complete if Known

Application Number

10/536,708

Filing Date

5/27/05

First Named Inventor

Horvatic, et al.

Art Unit

Examiner Name

Attorney Docket Number

fraunh01.051

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Y.H./		CHANGSHENG ZU, YONGWEI ZHU, DAVID DAGAN FENG, "Digital Audio Watermarking Based-on Multiple-Bit Hopping and Human Auditory System," http://www.acm.org/sigmm/mm2001/ep/xu/ [11/18/2003]	
		D. K. KOUKOPOULOS and Y. C. STAMATIOU, "A Compressed-Domain Watermarking Algorithm for Mpeg Audio Layer 3," Computer Technology Institute and Patras University, 2001	
		SUNIL MOHAN ADAPA, "Useful information embedding in images using watermarks," http://students.iiit.net/~mohan/watermarking.html [11/21/2003]	
		NGERMAR J. COX, JOE KILIAN, TOM LEIGHTON, AND TALAL SHAMOON, "Secure Spread Spectrum Watermarking for Multimedia", (c) NEC Research Institute, Technical Report 95-10.	
		MUNETOSHI IWAKIRI, KINEO MATSUI, "Digital Watermark Scheme for High Quality Audio Data by Spectrum Spreading and Modified Discrete Cosine Transform," IPSJ Journal Abstract Vo. 39, No.09-009 http://www.ipsj.or.jp/members/Journal/Eng/2909/article009.html [11/21/2003]	
		HERBERT BUCHNER, "Image and Video Watermarking," Telecommunications Seminar WS 1998	
		FRANK HARTUNG, "Multimedia Watermarking Techniques," Proceedings of the IEEE, Vol. 87, No.7, July 1999	

Examiner
Signature

/Yubin Hung/

Date
Considered

06/24/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.